

CLAIMS:

1. An optical disc device for recording and reproducing information on and from a single disc or a cartridge housing a disc, either of which is mounted on a mounting surface of a tray and loaded therewith into a body of the optical disc device, the optical disc device comprising:

a holding mechanism that forms either a single disc mounting space or a cartridge mounting space according to a shape of a single disc or a cartridge to be mounted in the tray, and holds the single disc or the cartridge in the respective mounting space,

wherein the holding mechanism can pivot around a predetermined supporting point in a direction of a face of the single disc or the cartridge to be mounted.

2. The optical disc device according to claim 1,

wherein, in order to mount a single disc on the mounting surface in the single disc mounting space, the holding mechanism is provided with a first disc radial direction restricting portion whose radius is larger than that of the single disc as measured from an approximate center thereof when the single disc is mounted on the tray, a first disc thickness direction restricting portion that restricts movement of the single disc in a disc thickness direction, and a disc bottom guide portion that guides the single disc to the mounting surface, and

in order to mount the cartridge on the mounting surface in the cartridge mounting space, the holding mechanism is further provided with a cartridge restricting portion that has the same shape as at least a part of a front end of the cartridge as viewed in a loading direction to the tray, and a first cartridge

thickness direction restricting portion that restricts movement of the cartridge in a cartridge thickness direction and that has the same shape as at least a part of a front end of the cartridge as viewed in a loading direction to the tray.

5 3. The optical disc device according to claim 2,
 wherein the holding mechanism is biased with an elastic member so
 that the single disc mounting space is formed.

 4. The optical disc device according to claim 3,
10 wherein a plurality of the holding mechanisms are provided.

 5. The optical disc device according to claim 4,
 wherein pivotal movements of the plurality of holding mechanisms are
 linked with each other.

15 6. The optical disc device according to claim 1,
 wherein, in order to mount a single disc on the mounting surface in the
 single disc mounting space, the holding mechanism is provided with a second
 disc radial direction restricting portion whose radius is larger than that of the
20 single disc as measured from an approximate center thereof when the single
 disc is mounted on the tray, and a second disc thickness direction restricting
 portion that restricts movement of the single disc in a disc thickness direction,
 and

 in order to mount a cartridge on the mounting surface in the cartridge
25 mounting space, the holding mechanism is further provided with a second
 cartridge thickness direction restricting portion that restricts movement of the

cartridge in a cartridge thickness direction and that has the same shape as at least a part of a rear end of the cartridge as viewed in a loading direction to the tray.

- 5 7. The optical disc device according to claim 6,
 wherein a plurality of the holding mechanisms are provided.